CLAIMS

1. Process for producing electrical energy, in which the charges between two working media are separated triboelectrically or electrostatically, the charges are moved away from one another by displacement of the working media under the action of external forces, the external forces performing work against the Coulomb force, and the charges being guided onto electrodes,

wherein

the indicated process steps are carried out within the inside volume of a heat tube, charge separation and charge displacement taking place using the directed gas flow of the heat tube, which flow entrains one working medium and routes it past the other working medium for charge separation and displacement.

2. Process as claimed in claim 1, wherein one working medium encompasses liquid particles which are entrained in the gas flow.

3. Process as claimed in claim 1 or 2, wherein one working medium comprises a grid through which the gas flow passes.

4. Process as claimed in one of claims 1 to 3, wherein the other working medium is located within the heat tube roughly at the position of maximum flow velocity.

5. Process as claimed in one of claims 2 to 4, wherein the liquid is recovered to form the liquid particles.

6. Process as claimed in one of claims 1 to 5, wherein the same liquid is used for the working liquid of the heat tube and of the generator.